UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

## NOTICE OF ALLOWANCE AND FEE(S) DUE

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05/21/2004

WHYTE HIRSCHBOECK DUDEK S C 555 EAST WELLS STREET SUITE 1900 MILWAUKEE, WI 53202 EXAMINER

FEGGINS, KRISTAL J

ART UNIT

PAPER NUMBER

2861

DATE MAILED: 05/21/2004

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR		ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/068,235	02/06/2002	Richard P. Fisher		WHB-31573	7702

TITLE OF INVENTION: ENCODER-BASED CONTROL OF PRINTHEAD FIRING IN A LABEL PRINTER

. APPLN. TYPE	SMALL ENTITY .	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	08/23/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATEN PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHT THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPO PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM TH MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THE STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOV REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (O AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WIL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is n claiming SMALL ENTITY status, check the box below and enclo the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.

 Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) w your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

#### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax

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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed wh appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" maintenance fee notifications.

maintenance fee notification				s, and/or (0) indicating a sep	datate FEE ADDRESS.
CURRENT CORRESPONDEN	CE ADDRESS (Note: Legibly mark-uj	with any corrections or use Block 1)	Note: A certificate o Fee(s) Transmittal. T	f mailing can only be used this certificate cannot be used tall paper, such as an assignmente of mailing or transmission.	for domestic mailings of for any other accompany
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	KRISTAL J e address or indication of "Fe	2861	347-188000		
□ "Fee Address" indicating PTO/SB/47; Rev 03-02 of Number is required.  3. ASSIGNEE NAME AND PLEASE NOTE: Unless been previously submitter (A) NAME OF ASSIGNITE.	an assignee is identified beld d to the USPTO or is being su BE	on form of a Customer  agent) an attorneys will be pr  PRINTED ON THE PATEN ow, no assignee data will appe	T (print or type) ar on the patent. Inclusion of as Completion of this form is NOT CE: (CITY and STATE OR COU	ered patent  I, no name  3  ssignee data is only appropria  a substitute for filing an assi	
4a. The following fee(s) are		4b. Payment of		orporation of other private gr	oup entity    governm
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This collection of informat obtain or retain a benefit b application. Confidentiality estimated to take 12 minute completed application form case. Any comments on t suggestions for reducing the Patent and Trademark O 22313-1450. DO NOT SE SEND TO: Commissioner for the obtained of the commissioner for the obtained of the commissioner for the obtained of the obtaine	ion is required by 37 CFR 1 y the public which is to file is governed by 35 U.S.C. 12: so to complete, including gath to the USPTO. Time will he amount of time you recipied in the content of the USPTO. The will he amount of time you recipied in the content of the USPTO. The work of the content of the cont	.311. The information is request (and by the USPTO to proce 2 and 37 CFR 1.14. This collection in the collection in the complete this form the Chief Information Office Commerce, Alexandria, VED FORMS TO THIS ADD in a 22313-1450.	ired to ess) an ction is ing the ividual and/or r, U.S. irginia RESS.		general de constant constant constant de
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# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 161 day(s). If the issue fee is paid on the date that is three months after t mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a ha months) after the mailing date of this notice, the Patent Term Adjustment will be 161 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date th determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retriev (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.